Docket No. AT9-99-697

CLAIMS:

What is claimed is:

1.   A wireless computer peripheral input device for use
33   with a data processing system, the input device
comprising:

a wireless transmitter for transmitting signals; and

a selector for selecting a one of a plurality of
data processing systems with which to operate, wherein
38   invoking the selector causes a signal to be transmitted
from the wireless transmitter.

2.   The input device as recited in claim 1, wherein the
input device is a keyboard.
43

3.   The input device as recited in claim 1, wherein the
input device is a computer mouse.

4.   The input device as recited in claim 1, wherein the
48   wireless transmitter is an infra-red transmitter.

5.   The input device as recited in claim 1, wherein the
wireless transmitter is a radio frequency transmitter.

53   6.   The input device as recited in claim 5, wherein the
selector allows selection of one of a plurality of radio
frequencies, wherein each of the plurality of radio
frequencies corresponds to a separate one of the
plurality of data processing systems.

58

7.   A computing system, comprising:

Docket No. AT9-99-697

a plurality of data processing systems; and

a peripheral input device; wherein

the peripheral input device comprises a computer selector for selecting one of the plurality of data

5 processing systems for interaction with the peripheral input device;

the peripheral input device comprises a wireless transmitter for providing communications with any of the plurality of data processing systems; and

10 each of the plurality of data processing systems comprises a wireless receiver for receiving wireless communications from the peripheral input device.

8. The computing system as recited in claim 7, wherein

15 the wireless transmitter is a radio frequency transmitter;

the wireless receiver is a radio frequency receiver;

the wireless receiver of each of the plurality of data processing systems is tuned to accept input on a

20 received radio frequency wherein the received radio frequency for each of the plurality of data processing systems is different from that of each of the other plurality of data processing systems; and

the computer selector allows selection of one of a

25 plurality of radio frequencies wherein each of the plurality of radio frequencies corresponds one of the received radio frequencies.

9. The computing system as recited in claim 7, wherein

30 the wireless transmitter is an infra-red transmitter wherein selection of one of the plurality of data

Docket No. AT9-99-697

processing systems is dependent upon the orientation of
the peripheral input device.

10. The computing system as recited in claim 7, wherein
5   the wireless transmitter is an infra-red transmitter
wherein each one of the plurality of data processing
systems ignores signals received from the peripheral
input device unless a selection signal is received
indicating selection of the one of the plurality of data
10   processing systems.

11. The computing system as recited in claim 7, wherein
the peripheral input device is a keyboard.

15   12. The computing system as recited in claim 7, wherein
the peripheral input device is a computer mouse.

13. A method for accessing a plurality of data
processing systems using a wireless input device, the
20   method comprising:
     receiving a selection of a particular data
processing system of the plurality of data processing
systems;
     transmitting a signal from the wireless input device
25   to only activate the particular data processing system
within the plurality of data processing systems; and
     sending data from the wireless input device to the
particular data processing system after transmitting the
signal to the particular data processing system.
30
14. The method as recited in claim 13, wherein the

Docket No.   AT9-99-697

signal is a code recognized by the particular data
processing system.

15.   The method as recited in claim 13, wherein the
signal is a frequency recognized by the particular data
processing system.